Hydrobiologia
The International Journal on Limnology and Marine Sciences

Contents

Volume 350

Macrophyte development and resuspension regulate the photosynthesis and production of benthic microalgae
by C. Lassen, N.P. Revsbech & O. Pedersen 1–11
Genetic and morphological variability in roach *Rutilus rutilus*, from Austria
by C. Baranyi, G. Gollmann & M. Bobin 13–23
Strategies for coexistence in two species of New Zealand Hydropsychidae (Trichoptera)
by J.S. Harding 25–33
Sarsicopia polaris gen. et sp. n., the first Platycopioida (Copepoda: Crustacea) from the Arctic Ocean, and its phylogenetic significance
by P.M. Arbizu 35–47
A new genus and two new species of Canthocamptidae (Copepoda, Harpacticoida) from caves in northern Italy
by F. Stoch 49–61
Seasonal changes in phytoplankton community structure in relation to physico-chemical factors in Loch Lomond, Scotland
by O.A. Habib, R. Tippett & K.J. Murphy 63–79
The life cycle of an introduced caddisfly, *Cheumatopsyche pettiti* (Banks) (Trichoptera: Hydropsychidae) in Waikolu Stream, Molokai, Hawaii
by B.C. Kondratieff, R.J. Bishop & A.M. Brasher 81–85
Ecomorphological diet predictions: an assessment using inland silverside (*Menidia beryllina*) and longear sunfish (*Lepomis megalotis*) from Lake Texoma
by D.E. Shoup & L.G. Hill 87–98
Cues from injured *Daphnia* and from cyclopoids feeding on *Daphnia* can modify life histories of conspecifics
by J. Pijanowska & A. Kowalczewski 99–103
Spatial and temporal distribution of freshwater sponges in Connecticut lakes based upon analysis of siliceous spicules in dated sediment cores
by G.M. Paduano & P.E. Fell 105–121
The occurrence of *Corvomeyenia carolinensis* (Harrison, 1971) (Porifera: Spongillidae) in Connecticut
by G.M. Paduano & P.E. Fell 123–125

Histology of gonads and cephalic brood pouch of the marine gastropod *Planaxis sulcatus* of Karachi Coast (Pakistan)
by M. Ahmed & G. Siddiqui 127–130
The effect of temperature, and food quantity and quality on the growth and development rates in laboratory-cultured copepods and cladocerans from a Sri-Lankan reservoir
by P.B. Amarasinghe, M. Boersma & J. Vijverberg 131–144
Production biology of copepods and cladocerans in three south-east Sri Lankan low-land reservoirs and its comparison to other tropical freshwater bodies
by P.B. Amarasinghe, J. Vijverberg & M. Boersma 145–162
Variability of the molecular mass of α-subunit in phycocyanins of colonial *Microcystis aeruginosa* f. *aeruginosa* in different eutrophic ponds and lakes
by S. Hashimoto, T. Ioriya & A. Otsuki 163–168
Factors controlling seasonal variability of benthic ammonium release and oxygen uptake in Alfacs Bay (Ebro Delta, NW Mediterranean)
by M. Vidal, J.-A. Morguí, M. Latasa, J. Romero & J. Camp 169–178
On a new genus of riverine crab (Crustacea: Decapoda: Brachyura: Potamidae) from north-western Thailand, with descriptions of two new species
by D.C.J. Yeo & P.K.L. Ng 179–188
The effect of artificial increases in water conductivity on the efficiency of electric fishing in tropical streams (Paraná, Brazil)
by T. Penczak, A.A. Agostinho, Ł. Głowacki & L.C. Gomes 189–201

Opinions Section
Applied ground water research – the need for more basic ecological information
by D.L. Danielopol 203–207

Author index 209

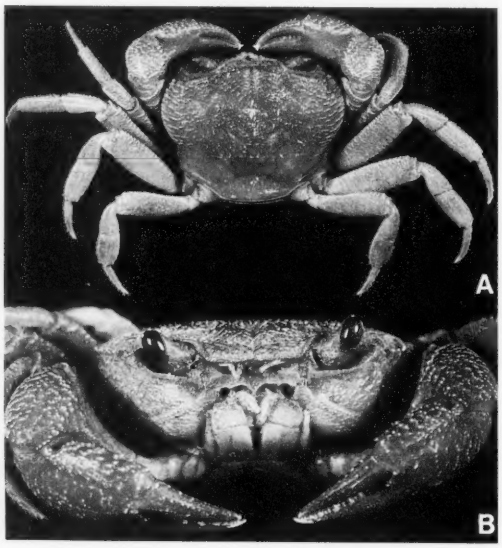

Illustration on cover: For explanation see p. 180.